

**ABSTRACT**

A graft compatible with living animal tissue is disclosed. The graft has attachment regions with means for promoting growth of living animal tissue across the attachment regions to form a biological seal between the graft and the tissue. The means for promoting growth include locating pores in the attachment regions sized to favor growth of the tissue, increasing the surface area of the attachment regions by forming filamentary loops extending from the attachment regions, forming the attachment regions from textured filaments, forming the attachment regions from materials which elicit a healing reaction in living animal tissue or coating the attachment regions with a compound such as thrombin or collagen which promotes healing of the tissue.